

## 1/4" JACKS TECHNICAL DATA

		VALUE
<b>GENERAL CHARACTERISTICS</b>	Number of Contacts	2 Pole (Mono) 3 Pole Tip Ring Sleeve (Stereo)
	Termination	Solder, PCB or Combo
	Flammability rating of insulating plastics	UL94V-0
	Solderability, complies with	IEC 68-2-20
	Environmental	Complies with EU RoHS 2 Directive 2011/65/EU
<b>ELECTRICAL CHARACTERISTICS</b>	Current Carrying Capacity	10A (Depends on Mating Connector and Cable)
	Typical Contact Resistance	≤10mΩ
	Insulation resistance (initial) After Damp Heat Test	>2GΩ ≥10 <sup>3</sup> Meg Ω
	Rated Voltage Test Voltage AC RMS: Dielectric Strength	34V 500V
<b>CLIMATIC CHARACTERISTICS</b>	Protection Class	IP40
	Operating Temperature	-25°C to +70°C (-13°F to 158°F)
<b>MECHANICAL CHARACTERISTICS</b>	Insertion and Withdrawal Force	≥10N - ≤30N
	Mating Cycles	Min. of 1000 cycles without any physical damage
	Weight - Straight - Right Angle	18g (0.039lb) 25g (0.055lb)
<b>MATERIALS</b>	Connector Shell Material	Nylon PA66 30% Glass Filled
	Insulators	UL94 V-0 PBT Resin or Modified PPE Resin and fiberglass laminate
	Metal Nut	Brass
	Plastic Nut	Nylon PA66 30% Glass Filled
	Washer	Fiber / Brass / Nylon PA66 30% Glass Filled
	Contact Plating	Tin - 4μm Min. over 2μm Min.Cu (Copper) Silver - 0.3μm Min. over 2μm Min.Cu (Copper) Nickel - 2μm Min. over 2μm Min.Cu (Copper) Gold Flash - 0.05μm Min. over 2μm Min.Cu (Copper)
	Contacts	Brass / Sn (Tin) over Cu (Copper)

Rev 4 - 05/2014

<sup>1</sup>Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.



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